7/4 Maths w/c 20th April 2020

2. We are learning what a ‘mixed number’ is and how to turn mixed numbers into fractions. - ANSWERS

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 4 |  |  |  | 12 |  | 4 |  |  |  |
|  | 1 |  | 5 |  |  |  |  |  |  |
|  |  | 3 |  |  |  |  |  |  | 12 |
| 7 |  |  |  |  | 2 |  |  |  |  |
| 10 |  |  |  |  |  |  |  |  |  |

How many parts are in each of these pictures? Write the answer as a fraction.

|  |  |
| --- | --- |
| A picture containing screen, building, yellow, window  Description automatically generated | A picture containing screen, building, plane, clock  Description automatically generated |
|  |  |

When the top number on a fraction is bigger than the bottom number, it is telling us that the fraction means more than one of something – like more than one cake above.

Explain why 2 is the same as using the picture below.

|  |  |  |  |
| --- | --- | --- | --- |
| 1 | 2 | 3 | 1 whole one |
|  |  |  | plus |
| 4 | 5 | 6 | 1 whole one |
|  |  |  | = 2 whole ones + |
| 7 |  |  |  |

Write down the amount of shaded parts as a fraction and a mixed number. Some have been done already.

|  |  |  |
| --- | --- | --- |
|  | Mixed Number | Fraction |
| A close up of a logo  Description automatically generated | 1 |  |
| A picture containing screen, building, drawing  Description automatically generated | 3 |  |
| A picture containing drawing, window  Description automatically generated | 3 |  |

Using a number line for mixed numbers.

Watch this video for a demonstration on how mixed numbers work on a number line. <https://www.khanacademy.org/math/cc-third-grade-math/imp-fractions/imp-fractions-on-the-number-line/v/fractions-greater-than-1-on-the-number-line>

A screenshot of a cell phone

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EXTRA CHALLENGE: So, how can we switch between them without pictures or number lines?

|  |  |
| --- | --- |
| **Mixed number** | **Fraction** |
| 1 |  |
| 2 |  |
| 1 |  |